

Converting Colors

XYZ(27.1799, 34.6784, 40.4771)

Have a look what the booklet for
XYZ(27.1799, 34.6784, 40.4771)
contains.

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Color

**XYZ(27.1390, 34.5556,
40.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	6BAAA4
RGB	107, 170, 164
RGB Percent	42%, 67%, 64%
CMY	0.5804, 0.3333, 0.3569
CMYK	0.37, 0.00, 0.04, 0.33
HSL	174°, 27%, 54%
HSV	174°, 37%, 67%
XYZ	27.1390, 34.5556, 40.3615
YIQ	150.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

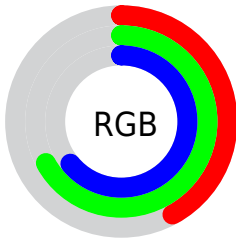
Format	Color
R _{YB}	107, 140, 170
Decimal	7056036
CIE Lab	65.40, -21.62, -3.32
CIE LCh	65, 21.874, 188.738
Yxy	34.5556, 0.2659, 0.3386
Android (android.graphics.Color)	4285246116 (0xFF6BAAA4)
YUV	150.4790, 6.6659, -38.1311
Hunter-Lab	58.7840, -20.4634, 0.4399

Details

The XYZ color **27.1390, 34.5556, 40.3615** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8171, 20.2547, 18.2257**, and the grayscale version is **29.1772, 30.6967, 33.4287**.

A 20% lighter version of the original color is **54.4093, 66.5420, 76.9940**, and **10.9244, 14.9110, 17.6316** is the 20% darker color. If you saturate the color by 10%, you get **25.1476, 33.5466, 39.5103**, and if you desaturate by 10%, it is **29.5361, 35.7752, 41.2429**.

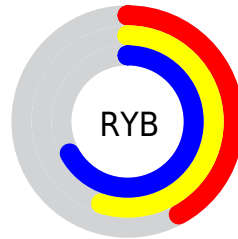
Distribution



Red (42%)

Green (67%)

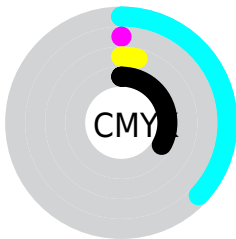
Blue (64%)



Red (42%)

Yellow (55%)

Blue (67%)

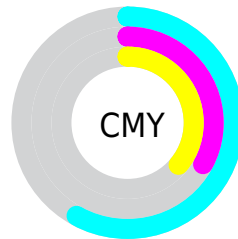


Cyan (37%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1390, 34.5556, 40.3615 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.1390, 34.5556, 40.3615 by changing the saturation by 10% instead.

■ 27.1390, 34.5556,
40.3615

■ 27.1390, 34.5556,
40.3615

280.4848,
322.6024, 363.2422

■ 17.8148, 23.3208,
27.5046

■ 54.5252, 66.7967,
76.9568

■ 10.9160, 14.8305,
17.7168

■ 73.3178, 88.5718,
101.5322

■ 6.0772, 8.7005,
10.5795

■ 95.9973, 114.6291,
130.8509

■ 2.9332, 4.5464,
5.6742

■ 122.9289,
145.3530, 165.3314

■ 1.1185, 1.9836,
2.5825

154.4782,
181.1279, 205.3923

■ 0.0405, 0.5979,
0.8834

191.0103,

■ 0.0000, 0.0000,

222.3381, 251.4520

0.0000

232.8908,
269.3682, 303.9291

■ 27.1390, 34.5556,
40.3615

■ 27.1390, 34.5556,
40.3615

■ 25.1476, 33.5466,
39.5103

■ 29.5361, 35.7752,
41.2429

■ 23.5352, 32.7320,
38.6858

■ 32.3577, 37.2126,
42.1532

■ 22.2767, 32.0996,
37.8875


■ 35.6249, 38.8794,
43.0941


■ 21.3426, 31.6342,
37.1140


■ 39.3566, 40.7855,
44.0666


■ 20.6988, 31.3182,
36.3637


■ 43.5706, 42.9400,
45.0715


 20.2943, 31.1255,
35.6341

 48.2837, 45.3516,
46.1097

 20.1920, 31.0773,
35.4221

 53.5120, 48.0286,
47.1819

 59.2709, 50.9789,
48.2889

 63.7093, 53.2482,
49.3442

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.4456, 34.5556, 31.5993



27.1390, 34.5556, 40.3615



28.2818, 34.5556, 49.7424

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1390, 34.5556, 40.3615



36.8399, 34.5556, 53.0835



35.1224, 34.5556, 23.4962

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.1390, 34.5556, 40.3615



24.8171, 20.2547, 18.2257

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.8723, 34.5556, 27.6553



27.1390, 34.5556, 40.3615



38.9078, 34.5556, 44.3722

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.1390, 34.5556, 40.3615



33.7861, 34.5556, 57.8297



39.2974, 34.5556, 35.0154



31.9197, 34.5556, 22.7780

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.1390, 34.5556, 40.3615



29.7583, 34.5556, 54.7557



39.2974, 34.5556, 35.0154



36.1361, 34.5556, 24.5016

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.1400, 34.5570, 40.3623



62.0800, 69.2358, 77.4728



23.8784, 33.3430, 19.0880



13.6705, 15.3513, 17.2268



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1400, 34.5570, 40.3623



46.3810, 61.2469, 72.0294



23.4150, 26.2190, 41.8584



7.7163, 8.5196, 9.4920



14.8641, 22.8644, 26.1147



0.3702, 0.5597, 0.6806

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.8171, 20.2547, 18.2257



41.5863, 31.6887, 26.3094



27.5110, 26.1656, 17.5112



7.5591, 7.5535, 7.9953



12.2745, 6.3185, 0.9913



0.3073, 0.1572, 0.0700

Previews

White Background



This preview shows how the XYZ color 27.1390, 34.5556, 40.3615 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.1390, 34.5556, 40.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

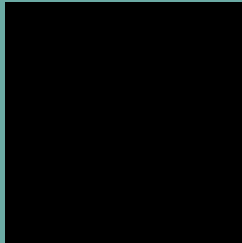
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1390, 34.5556, 40.3615

Background



This preview shows how black text looks on a background with the XYZ color 27.1390, 34.5556, 40.3615.

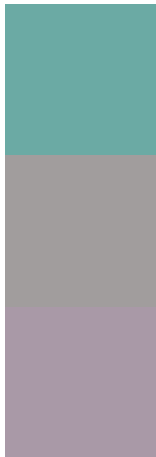


This preview shows how white text looks on a background with the XYZ color 27.1390, 34.5556,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.1390, 34.5556, 40.3615

Protanopia

32.8407, 34.1253, 36.7542

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

28.7148, 34.3531, 48.8335

Trichromacy



Original Color

27.1390, 34.5556, 40.3615

Protanomaly

30.2500, 34.0414, 38.2340

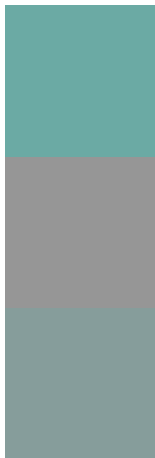
Deuteranomaly

31.1351, 33.6604, 40.9325

Tritanomaly

28.1709, 34.4154, 45.7155

Monochromacy



Original Color

27.1390, 34.5556, 40.3615

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8049, 31.5488, 35.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1390, 34.5556, 40.3615 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(107, 170, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 170, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.1390, 34.5556, 40.3615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 170, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 170, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(107, 170,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1390, 34.5556, 40.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 170, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107,  
170, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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